Validation Solutions

TrackSense® Pro Basic L Wireless Data Logger
Rugged Temperature Sensor

Key Features & Benefits

✓ Unique interchangeable sensor option

✓ Real-time data option with Sky module

✓ Works in conjunction with the ValSuite® validation & calibration software

✓ FDA 21 CFR Part 11 compliant

✓ Temperature range of **-30 to +85 °C**

✓ Extended battery capacity

✓ Covers various applications within pharmaceutical, food and medical industries

Temperature Measurements

Live Data Option Available

Interchangeable Sensor Design

TrackSense® Pro Basic L Data Loggers

The wireless TrackSense® Pro Basic L data loggers are made of a high resistant stainless steel with cutting edge technology that allows for immensely accurate and stable measurements when performing various thermal processes.

All TrackSense® Pro data loggers are configured with interchangeable sensors able to measure temperature, vacuum, relative humidity, pressure, conductivity and CO_2.

Ellab's data loggers are easily activated and read by the Multi reader station. When combined with the Sky module, data loggers can provide real time data via wireless communication. Utilizing the numerous functions of the FDA 21 CFR, Part 11 compliant ValSuite™ software, data is easily analyzed and distributed through various report options

Interested in this product? Contact sales today

Validation Solutions

Technical Specifications

Sensor with this logger configuration:	Rugged Temperature Sensor
Temperature Measuring Range:	-30 to +85 °C
Measuring Principle:	Electrical Resistance
Sensor Element:	Pt1000
Cable Diameter:	4 mm
Cable Length:	500 - 1,000 mm
Sensor Diameter:	2.5 mm
Sensor Length:	30 mm
Position of Measuring Point from Tip:	5 mm
Accuracy:	
-30 to +85 °C:	± 0.1 °C
Sensor Response Time:	
T-63%:	3.5 Seconds
T-90%:	7.0 Seconds
Logger with this sensor configuration:	Pro Basic L 3G
Operating Temperature:	-30 to +85 °C
Operating Pressure:	0.001 mBar to 4 Bar ABS
House Material:	316L Stainless Steel
Diameter:	25 mm
Length:	68.8 mm
Weight with Battery:	80 Grams
Memory Capacity:	120,000 Data Points / 120,000 Samples
Minimum Sample Rate:	1 Second
Maximum Sample Rate:	24 Hours
Maximum Start Delay:	14 Days
Intrinsically Safe:	Not ATEX approved
Time Accuracy:	± 5 Seconds Per 24 Hours
Battery:	TS Frigo 85L Battery